

In The Claims:

1. An apparatus for making and dispensing a semi-frozen beverage comprising:
a means for freezing a liquid to a desired semi-frozen state and retaining a volume of
5 said semi-frozen beverage therein,
a flow line from the freezing means to a dispense tap, the dispense tap being
mounted remotely from the freezing means so that said semi-frozen beverage can
flow through the flow line and be dispensed at the remote location from the tap by
operation thereof, and the flow line being insulated and having a cooling line in heat
10 exchange contact therewith for maintaining of the semi-frozen beverage in its semi-
frozen state.
2. The apparatus according to claim 1 wherein the coolant tube is arranged
inside the delivery tube so that the coolant is surrounded by the beverage in the
15 delivery tube.
3. The apparatus according to claim 1 wherein the delivery tube is arranged
inside the coolant tube so that the coolant surrounds the beverage in the delivery
tube.
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4. The apparatus according to claim 1 wherein the flow line takes the form of a
re-circulation loop for returning semi-frozen beverage to the means for making and
retaining a volume of semi-frozen beverage
- 25 5. The apparatus according to claim 1 wherein the dispense tap is removably
connected to the flow line by a shut-off valve that is normally maintained open but
which can be closed for removal of the tap for cleaning.
6. The apparatus according to claim 1 wherein the flow line is a rigid tube.
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7. The apparatus according to claim 1, and where the flow line is a flexible tube of
food grade material.

8. The apparatus according to any one of claim 4 wherein a pump is provided in the re-circulation loop to assist flow of the semi-frozen beverage around the loop.
9. Apparatus according to any one of claim 4 wherein one or more taps are
5 connected at any point around the re-circulation loop.
10. An apparatus for making and dispensing a semi-frozen beverage comprising:
a means for freezing a liquid to a desired semi-frozen state and retaining a volume of
said semi-frozen beverage therein,
10 a dispense tap for selectively dispensing the semi-frozen beverage from the means
for freezing the liquid and storing the semi-frozen beverage,
a dosing machine for dosing one or more flavourings into a base semi-frozen
beverage as the semi-frozen beverage is being dispensed from the tap.
- 15 11. The apparatus according to claim 10 wherein the dosing unit is controlled in
response to user selection of a desired beverage to add one or more of the one or
more flavourings to the base semi-frozen beverage.
12. The apparatus according to claim 10 wherein the user can select one or more
20 of the one or more flavourings to create a semi-frozen beverage of their choice.
13. The apparatus according to claim 10 wherein the dosing unit comprises a
manifold having separate inlets for each one or more flavouring and having one or
more valves for each of the one or more flavourings for controlling the addition
25 thereof to the base semi-frozen beverage.
14. The apparatus according to claim 13 wherein the one or more valves are
arranged to open when the tap is opened or shortly thereafter and to close before
dispense is completed to flush the system with the semi-frozen beverage and remove
30 any trace of the added one or more flavourings.
15. A method of dispensing a semi-frozen beverage comprising the steps of
providing a supply of a liquid, delivering the liquid to a freezing unit, converting the

liquid to a semi-frozen condition in the freezing unit, delivering the semi-frozen liquid to a remote dispense tap and optionally dosing the semi-frozen liquid delivered to the dispense tap with one or more additional components to produce a desired semi-frozen beverage for dispense from the tap.

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16. The method according to claim 15 wherein the dispense tap is connected to a re-circulation loop and further including the step of returning semi-frozen liquid to the freezing unit.